

**Table 12.3-9(a) Average Rehabilitation Work for Steel Substructures (man-hours/square foot)**

Steel Substructure	before/after	9	8	7	6	5	4	3	2
9									
8			0.05347782						
7				0.05261507					
6			0.024785	0.02958361	0.05492913				
5					0.210433	0.15408053			
4						0.0567356			
3							0.07407407	0.02432825	0.05806887
2								0.09578544	0.06595376

**Table 12.3-9(b) Average Rehabilitation Work for Steel Substructures [Chen and Johnston 1987] (man-hours/square foot)**

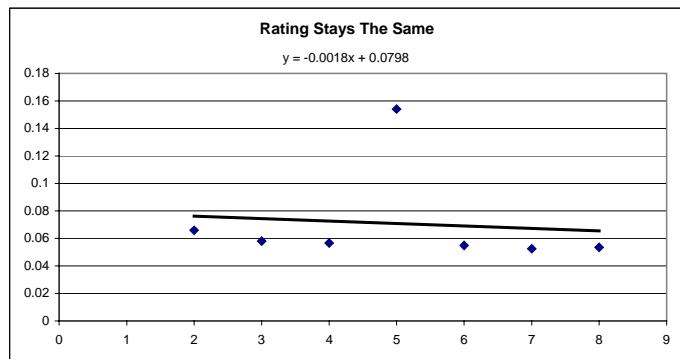
Steel Substructure (Chen)	before/after	9	8	7	6	5	4	3
9								
8								
7								
6							Not Available	
5								
4								
3								

**Table 12.3-9(c) Occurrences of Function Codes for Work on Steel Substructures**

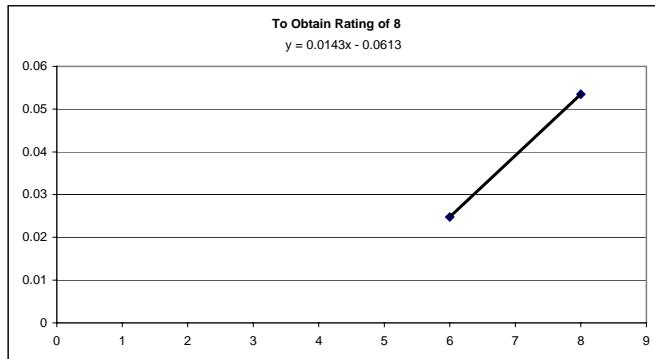
Steel Substructure- number of occurrences	before/after	9	8	7	6	5	4	3	2
9									
8			23						
7				25					
6			2	4	15				
5					4	19			
4				1			12		
3					1	1		5	
2							1	1	

**Table 12.3-9(d) Occurrences of Function Codes for Work on Steel Substructures [Chen and Johnston 1987]**

Steel Substructure (Chen)- number of occurrences	before/after	9	8	7	6	5	4	3
9								
8								
7								
6							Not Available	
5								
4								
3								



**Figure 12.3-9(a) Regression Analysis for Rehabilitation Work for Steel Substructures Which Did not Change the Condition Rating**



**Figure 12.3-9(b) Regression Analysis for Rehabilitation Work for Steel Substructures Which Changed the Condition Rating to 8**

**Table 12.3-9(e) Average Rehabilitation Work After Regression Analysis for Steel Substructures (man-hours/square foot)**

Steel Substructure- final results	before/after	9	8	7	6	5	4	3
9								
8			0.0654					
7			0.0511	0.0672				
6			0.0368	0.0529	0.069			
5			0.0225	0.0386	0.0547	0.0708		
4			0.0082	0.0243	0.0404	0.0565	0.0726	
3			-0.0061	0.01	0.0261	0.0422	0.0583	0.0744

**Table 12.3-9(f) Average Rehabilitation Work After Regression Analysis for Steel Substructures [Chen and Johnston 1987] (man-hours/square foot)**

Steel Substructure (Chen)- final results	before/after	9	8	7	6	5	4	3
9								
8			0.0413					
7			0.1418	0.0651				
6			0.2423	0.1656	0.0889			
5			0.3428	0.2661	0.1894	0.1127		
4			0.4433	0.3666	0.2899	0.2132	0.1365	
3			0.5438	0.4671	0.3904	0.3137	0.2370	0.1603

**Tables 12.3-9 and Figures 12.3-9 Rehabilitation Work for Steel Substructures**